



Eagle Eye Programmable Signal Head

DATA SHEET

DESCRIPTION

The Eagle Eye Optically Programmable Signal Head allows the user to limit visibility to drivers in a specific lane or direction. This helps improve safety at the intersection for complex lane geometries or road angles. The polycarbonate material makes the Eagle Eye the lightest and most cost-effective programmable signal in the marketplace, with the high-quality, long-lasting construction that defines the Eagle Brand. The material is UV-resistant and made to handle the elements.

The Eagle Eye signal is produced in the United States and meets all Build America, Buy America (BABA) requirements. The Eagle Eye signal meets or exceeds ITE specifications for signal heads.

SPECIFICATIONS

- **Housing** — Polycarbonate material with .125" wall thickness for strength and durability. One-piece unit with serrations in 5° increments at each end. Each housing includes a socket for a PAR⁴⁶ LED bulb and a terminal block for connection to the cabinet.
- **Door** — Polycarbonate material with .125" wall thickness for strength and durability. Equipped with stainless steel hinge pins. Uses stainless steel captive eye bolts and wingnuts to close the door to the housing. Door includes a gasket for maximum water protection. Aiming lens includes area to mask off non-visible areas to allow programmable visibility.
- **Visor** — The removeable twist-on visor is secured to the door with stainless steel hardware. Cap, tunnel, and full circle visors are available.
- **Positive Positioning** — Positive positioning and locking is achieved through the use of serrated brackets, mast arm, or span wire fittings.
- **Terminal Block** — All terminal blocks are composed of a sturdy polycarbonate, water-resistant casing and stainless steel hardware.
- **Hardware** — Stainless steel material inside and outside.
- **Construction** — Sections are modular to allow for signals in different configurations - 1 or 3-section signals available.



STANDARD FEATURES

- › Individual modules engineered from current SG signal specifications
- › Stainless steel door push pins for ease of door removal
- › Moisture proof and dust tight neoprene gasket fitted to the gasket channel cast in the door perimeter
- › 5-position, barrier-type terminal block with disconnect harness between terminal block and LED
- › 3-prong, PAR-46 lamp and socket
- › Acrylic lenses ITE specifications
- › Masking kit
- › 3 section signals weigh 37.8 lbs. 80% lighter than the rest of the industry

